

**From:** "Giesecke, Al" <al.giesecke@us.asirobicon.com>  
**To:** "john-l@ipsc.com" <john-l@ipsc.com>, "P. E. Jon P. Christensen (jon-c@IPSC.com)" <jon-c@IPSC.com>  
**Date:** 9/23/2003 6:00:03 AM  
**Subject:** RE: IPSC - ID Fan VFD Retrofit

Please note the following correction to our response of Friday:

Answer: Robicon stated that by reducing the transformer and changing the power cell to a 500 amp cell there would be a \$36,200 savings per cell or a \$72,400 per drive. This would require a 49 degree C ambient with the higher altitude.

- . Cell de-rate is 5% for 4700 feet altitude
- . Cell de-rate is 2% per degree for each degree above 45 degree C
- . 660 Amp Cell at 4700 feet and 50 C is rated at 564 Amps
- . 500 Amp Cell at 4700 feet and 50 C is rated at 428 Amps
- . 500 Amp Cell at 4700 feet and 49 C is rated at 437 Amps

I obviously was typing too fast. My apology.

Best regards,

Albert B. Giesecke  
Director of Business Development  
ASIRobicon

Phone: 630-357-4590  
FAX: 630-357-4599  
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> -----Original Message-----  
> From: Giesecke, Al  
> Sent: Monday, September 22, 2003 6:48 PM  
> To: 'john-l@ipsc.com'; 'P. E. Jon P. Christensen (jon-c@IPSC.com)'  
> Cc: 'John A. Benz (john.a.benz@sargentlundy.com)'; 'David A. Roberts (david.a.roberts@sargentlundy.com)'; Hurdle, Kelvin; McCorkle, Herbert;  
> 'Kurt Schroeder (kwschroeder@comcast.net)'; 'Riter Engineering - Mike Jackson (Riter Engineering - M. Jackson)'  
> Subject: RE: IPSC - ID Fan VFD Retrofit  
>  
> The following answer is provided to the last open question regarding  
> customer I/O termination blocks.  
>  
> We have reviewed the potential of using the Marathon 200 block. It is  
> possible, although it would not be our preference. Our preference is to  
> use our standard Weidmuller blocks, per the attached cut sheet.

>  
> << File: WDU\_N.pdf >>  
> If required, we have determined that there is the possibility to use the  
> Marathon 200 blocks for the customer interface I/O and we are prepared to  
> proceed according to your instructions.

>  
> Any further questions, please contact me at your convenience.

>  
> Best regards,

>  
>  
> Albert B. Giesecke  
> Director of Business Development  
> ASI Robicon

>  
> Phone: 630-357-4590  
> FAX: 630-357-4599  
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>  
> -----Original Message-----

> From: Giesecke, Al  
> Sent: Friday, September 19, 2003 8:13 PM  
> To: 'john-l@ipsc.com'; 'P. E. Jon P. Christensen  
> (jon-c@IPSC.com)'  
> Cc: 'John A. Benz (john.a.benz@sargentlundy.com)'; 'David A.  
> Roberts (david.a.roberts@sargentlundy.com)'; Hurdle, Kelvin; McCorkle,  
> Herbert; 'Kurt Schroeder (kwschroeder@comcast.net)'; 'Riter Engineering -  
> Mike Jackson (Riter Engineering - M. Jackson)'  
> Subject: IPSC - ID Fan VFD Retrofit

>  
> Thanks for forwarding the meeting notes. I have expanded several of  
> the notes, and have completed the conversion of the projected power  
> savings, from MVA to MW, as requested by Jon Christensen.

>  
> << File: Robicon question responses - 9-19-03.doc >>

>  
> We will complete our research on the Marathon 200 block request on  
> Monday. There does appear to be a location option possible, but we need  
> to finish laying it out before we can make a commitment there. Herb has  
> that assignment, and hopes to be completed before the end of business on  
> Monday.

>  
> Next week I will be in Pittsburgh, beginning Monday PM, and through  
> Thursday. You can always reach me on my mobile, or you can reach me at my  
> Pittsburgh office number beginning late Monday PM. That number is  
> 724-339-1366.

>

> We appreciate the time you took with us on Wednesday. We would  
> welcome the opportunity to work with you on this project.

>  
> Please do not hesitate to call with any questions.

>  
> Best regards,

>  
>  
> Albert B. Giesecke  
> Director of Business Development  
> ASIRobicon

>  
> Phone: 630-357-4590  
> FAX: 630-357-4599  
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**CC:** "John A. Benz (john.a.benz@sargentlundy.com)" <john.a.benz@sargentlundy.com>,  
"David A. Roberts (david.a.roberts@sargentlundy.com)" <david.a.roberts@sargentlundy.com>, "Hurdle,  
Kelvin" <kelvin.hurdle@us.asirobicon.com>, "McCorkle, Herbert" <herbert.mccorkle@us.asirobicon.com>,  
"Kurt Schroeder (kwschroeder@comcast.net)" <kwschroeder@comcast.net>, "Riter Engineering - Mike  
Jackson (Riter Engineering - M. Jackson)" <mike@ritereng.com>